## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	8	("20030081538"   "6084871"   "6115354"   "6862451").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/26 19:07
S2	2	wo "9953644"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/26 19:07
<b>S</b> 3	3517	370/349.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/26 19:22
S4	1	"10589542"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/26 19:23
S5	1340	455/452.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/26 19:24
S6	12	((frame or sub\$1frame) near4 synch\$8) same ((frame offset or slot) with (fundamental or principal or supplement\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/28 11:54
S7	24	((frame or sub\$1frame) near4 synch\$8) same ((frame offset or slot) same (fundamental or principal or supplement\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/28 12:01
S8	2767	((frame or sub\$1frame) near4 synch\$8) same (frame offset or slot)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/28 12:02
S9	1708	((frame or sub\$1frame) near4 synch\$8) with (frame offset or slot)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/28 12:03
S10	181	offset same (fundamental or principal or supplement\$5) near4 channel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/28 12:07

	3	S9 and S10	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/28 12:07
S12	3	S8 and S10	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/28 12:08
S13	11	ofdm\$1 and S10	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/28 12:09
S14	190	ofdm\$1 and S8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/28 12:14
S15	110	ofdm\$1 and S9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/28 12:15
S16	1777	370/350.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/28 12:18
S17	137	S8 and S16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/28 12:23
S18	2	S10 and S16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/28 12:23
S19	1	wo "0077961"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/28 13:13
S20	18	("5228025"   "5371548"   "5600672"   "5694389"   "5710765").PN. OR ("6115354").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/28 14:58
\$22	2	"10536593"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/28 18:51
\$23	2	"10538350"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/28 18:54
S25	23	("4129755"   "4502137"   "4534026"	US-PGPUB;	<b>A</b> DJ	ON	2010/01/28

		"5299235"   "5327581"   "5491718"   "5513184"   "5517499"   "5533028"   "5539730"   "5606560"   "5640414"   "5652772").PN. OR ("6084871").URPN.	USPAT; USOCR		, , , , , , , , , , , , , , , , , , , ,	19:08
S26	60058	((frame or sub\$1frame) near2 (boundar\$4 or offset) or symbol or slot) same synch\$8	US-PGPUB; USPAT; USOCR	<b>A</b> DJ	ON	2010/01/29 10:34
S27	7745	\$26 and (cdma or ofdm\$1)	US-PGPUB; USPAT; USOCR	<b>A</b> DJ	ON	2010/01/29 10:34
S28	3518	370/349.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/29 10:35
S29	1777	370/350.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/29 10:35
S30	326	S27 and (S28 or S29)	US-PGPUB; USPAT; USOCR	<b>A</b> DJ	ON	2010/01/29 10:35
S31	23300	((frame or sub\$1frame) near2 (boundar\$4 or offset) or symbol or slot) with synch\$8	US-PGPUB; USPAT; USOCR	<b>A</b> DJ	ON	2010/01/29 10:39
S32	552	S31 and (S28 or S29)	US-PGPUB; USPAT; USOCR	<b>A</b> DJ	ON	2010/01/29 10:39
S33	5018	S31 and (cdma or ofdm\$1)	US-PGPUB; USPAT; USOCR	<b>A</b> DJ	ON	2010/01/29 10:39
S34	217	S33 and (S28 or S29)	US-PGPUB; USPAT; USOCR	<b>A</b> DJ	ON	2010/01/29 10:40
S35	862	S31 and (cdma and ofdm\$1)	US-PGPUB; USPAT; USOCR	<b>A</b> DJ	ON	2010/01/29 10:40
S36	25	S35 and (S28 or S29)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/29 10:41
S37	47	((frame or sub\$1frame or symbol or slot) near2 (boundar\$4 or offset)) same ((fundamental or principal) or supplement\$5) near4 channel	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/29 10:45
S38	15	S37 and synch\$6	US-PGPUB; USPAT; USOCR	<b>A</b> DJ	ON	2010/01/29 10:45
S39	8	("5828659"   "6539004"   "6584087"   "6788959").PN. OR ("6856611").URPN.	US-PGPUB; USPAT; USOCR	<b>A</b> DJ	ON	2010/01/29 15:23
S40	2	"10177270"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/29 15:29
S41	3	"6847630"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/29 15:30
S42	2	"7450543"	US-PGPUB;	<b>A</b> DJ	ON	2010/01/29

			USPAT; USOCR			15:40
S43	3505	frame offset	US-PGPUB; USPAT; USOCR	<b>A</b> DJ	ON	2010/01/29 15:55
S44	1208	sync\$8 and S43	US-PGPUB; USPAT; USOCR	<b>A</b> DJ	ON	2010/01/29 15:55
S45	84	ofdm and S44	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/29 15:55
S46	95	ofdm\$1 and S44	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/29 15:56
S47	241	sync\$8 same S43	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/29 15:58
S48	113	S47 and (ofdm\$1 or cdma)	US-PGPUB; USPAT; USOCR	<b>A</b> DJ	ON	2010/01/29 15:58
S49	105	(slot\$3 or symbol) and S48	US-PGPUB; USPAT; USOCR	<b>A</b> DJ	ON	2010/01/29 15:59
S50	2	"20020159422"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/30 14:48
S51	3	"20020187749"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/30 19:31
S52	1	"20040017777"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2010/10/04 13:46
S53	1	"10589542"	US-PGPUB; USP <b>A</b> T; EPO; JPO	ADJ	ON	2010/10/04 13:54
S55	0	synch\$6 same ((fundamental or principal) and supplement\$5) near4 channel same (sub\$1frame or off\$1set)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/04 15:16
S56	1	synch\$6 near8 ((fundamental or principal) or supplement\$5) near4 channel same (sub\$1frame or off\$1set)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/04 15:16
S57	2	synch\$6 same ((fundamental or principal) or supplement\$5) near4 channel same (sub\$1frame or off\$1set)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	<b>A</b> DJ	ON	2010/10/04 15:16
S58	187	(synch\$6 or align\$4) same ((fundamental or principal or cdma) or supplement\$5 or ofdm\$1) near4 channel same (sub\$1frame or off\$1set)	US-PGPUB; USPAT; EPO; JPO; DERWENT;	ADJ	ON	2010/10/04 15:19

			IBM_TDB			
S59	45	(synch\$6 or align\$4) same ((fundamental or principal or cdma) and supplement\$5 or ofdm\$1) near4 channel same (sub\$1frame or off\$1set)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/04 15:19
S60	36	(synch\$6 or align\$4) near6 ((fundamental or principal or low or primary or cdma) and (supplement\$5 or fast or second\$4 or ofdm\$1)) near4 channel same (sub\$1frame or off\$1set or frame or chip)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/04 15:35
S61	2447	(synch\$6 or align\$4) near6 ((fundamental or principal or low or primary or cdma) and (supplement\$5 or fast or second\$4 or ofdm\$1)) same (channel or frame or sub\$1frame or off\$1set or chip or slot)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/05 12:24
S62	1349	(synch\$6 or align\$4) near6 ((fundamental or principal or low or primary or cdma) and (supplement\$5 or fast or second\$4 or ofdm\$1)) with (channel or frame or sub\$1frame or off\$1set or chip or slot)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/05 12:25
S63	21	(frame offset) and S62	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/05 12:25
S64	28	(frame offset) and S61	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/05 12:26
S65	3668	370/349.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/09 19:21
S66	1513	455/452.1.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/09 19:21
S67	1984	370/350.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/09 19:22
S68	1	"11547930"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2010/12/08 14:57
S69	2318	370/350.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/11/16 18:23
S70	3902	370/349.ccls.	US-PGPUB; USPAT; EPO; JPO;	<b>A</b> DJ	ON	2011/11/16 18:23

			DERWENT; IBM_TDB			
S71	1783	455/452.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB		ON	2011/11/16 18:24
S73	5055	455/550.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/11/16 18:24
S74	2658	455/561.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/11/16 18:24

## **EAST Search History (Interference)**

Ref #	Hits	Search Query	: :	Default Operator	Plurals	Time Stamp
S75		(synchroniz\$3 with (supplementary channel at sub\$1frame level)) and (detect\$3 with (determined time) with (principal downlink channel)) and (obtain\$3 with (beginning of a sub\$1frame of the supplementary channel)) and (offsetting the determined time) and (rank within a frame of the structure of the supplementary channel) and (sub\$1frame with (the beginning) with detected) and (synchronization with function with (sub\$1frame level) with (information about the rank)).clm.		ADJ	OFF	2011/11/16 18:23

## 11/16/2011 6:26:11 PM

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